

REMARKS

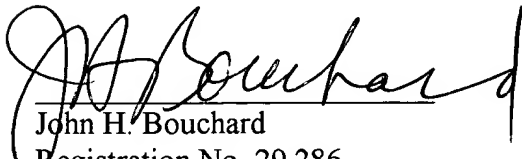
Claims 25-48 are in this application.

The new claims were added in order to eliminate any multiply dependent claims.

An early action on the merits is earnestly solicited.

Please charge any additional fee and credit any overpayment to deposit account 07-1078.

Respectfully Submitted,


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43. Apparatus as claimed in claim 42, wherein a global control system is located on or near said seismic vessel and a respective local control system is located within or near each streamer positioning device and said global control system and said local control systems communicate using a respective communication line passing through each streamer.

44. Apparatus as claimed in claim 43, in which program units for said local control systems may be downloaded over said communication lines.

45. Apparatus as claimed in claim 44, further including a respective backup communications channel in each streamer between the global control system and the local control systems of the streamer positioning devices of the streamer.

46. Apparatus as claimed in claim 45, in which each local control system has a cycle rate that is at least 10 times greater than the data transfer rate of said communication line.

47. Apparatus as claimed in claim 46, in which each local control system comprises a microprocessor programmed to monitor the current orientation of the wing of its streamer positioning device and to calculate desired changes to the orientation of said wing based on inputs from said global control system.

48. Apparatus as claimed in claim 47, further including means for producing a weight function filtered depth value.